IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In Supplication of: HENDERSON et al. Examiner: To be assigned Serial No.: 10/637,122 Art Unit: To be assigned Filed: August 08, 2003 For: TREE DATA STRUCTURE WITH RANGESPECIFYING KEYS AND ASSOCIATED Output Description: SPECIFYING KEYS AND ASSOCIATED Output Description: Application of: Application

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

METHODS AND APPARATUS

PETITION TO FILE AN APPLICATION BY OTHER THAN ALL THE INVENTORS WHEN ONE OF THE JOINT INVENTORS CANNOT BE REACHED [37 C.F.R. § 1.47(a) / MPEP § 409.03(a)]

This document is a petition to file the above-identified patent application by other than all the inventors on behalf of the available inventors and on behalf of a joint inventor who cannot be reached after diligent effort. This petition is submitted pursuant to 37 C.F.R. § 1.47(a) and MPEP § 409.03(a).

Accordingly, the applicants have taken the appropriate steps to comply with the procedures set forth in the MPEP. The steps taken are:

- 1. This petition is made with the accompanying fee as set forth in 37 CFR 1.17(h).
- 2. Attached to this petition are declarations signed by the three available inventors, Alex Henderson, Laxminarayana Tumuluru, and Richard Trauben, with the signature block of the unavailable inventor, Monis Rahman, left blank, indicating that the available inventors are 03/11/2004 BABRAHA1 00000007 10637122

03 FC:1460 130.00 OP

Attorney Docket No.: 042390.P17214 Application Serial No.: 10/637,122

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signing the declaration on behalf of themselves and on behalf of the unavailable inventor, as stated in MPEP § 409.03(a)(A).

- 3. Attached to this petition is proof of the pertinent facts stated in this petition that show the inventor Monis Rahman cannot be reached after diligent effort.
- 4. The last known address of Monis Rahman is:

93 Rockledge Drive

South Windsor, CT 06074

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DISCUSSION OF PERTINENT FACTS

The present application was filed on August 8, 2003 after review and approval from all of the inventors. Attached is an email dated August 8, 2003 from inventor Monis Rahman to the drafting attorney Kerry Tweet indicating that Monis Rahman had reviewed the application and approved filing the application.

On September 16, 2003, upon a request from Angie Farr, legal assistant to Kerry Tweet, Monis Rahman provided his residence address and cellular phone number (see attached email). Monis Rahman also indicated in that email that he would be out of the United States for the next four months and provided a mailing address in Pakistan.

Numerous attempts to reach Monis Rahman have been made since September 16, 2003 and have failed to yield any response from Monis Rahman. Attached are several emails to Monis Rahman inquiring about the declaration papers: Angie Farr sent Monis Rahman an email on December 11, 2003 with an attachment of the declaration papers to the last known email address for Monis Rahman and asked Monis Rahman to respond by January 6, 2004. Monis Rahman did not respond to this email. Legal assistant Tammy Simpson sent Monis Rahman an email on January 27, 2004 inquiring about the declaration papers. Monis Rahman did not respond to this email.

Attorney Greg Caldwell sent Monis Rahman an email on February 10, 2004 asking for Monis's signature on the declaration papers to avoid abandonment of the patent application. This email bounced back to Greg Caldwell (see attached email). Greg Caldwell also tried to call Monis Rahman at his last known cellular telephone number, 011.92300.843.1244, and was unsuccessful in reaching Monis Rahman. Greg Caldwell then sent a letter on February 10, 2004 to Monis Rahman with the declaration papers asking Monis to respond by March 6, 2004 to

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avoid abandonment of the patent application (see attached letter). This letter was mailed via

FedEx to two addresses: Monis Rahman's last known United States residence address at 93

Rockledge Drive, South Windsor, CT 06074, and Monis Rahman's last known address in

Pakistan at 110-B New Muslim Town, Lahore, Pakistan. Attached are the FedEx records

indicating that the letter to Monis's Connecticut address was delivered and signed for on

February 12, 2004, and the letter to Monis's Pakistan address was delivered and signed for on

February 14, 2004. However, we have yet to receive a response of any kind from Monis Rahman

to these communications.

Conclusion

Based on the foregoing facts and attached evidence, the Applicants respectfully request

that this Petition to File the Patent Applicant by Other Than All the Inventors be granted. The

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petition fee is included herewith.

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Application Serial No.: 10/637,122

If there are any additional charges, please charge them to our Deposit Account Number 02-2666. It is respectfully requested that the undersigned be contacted by telephone if it is believed that such contact would facilitate the processing of this petition or further the examination of the present application.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, LLP

Reg. No. 39,926

12400 Wilshire Blvd. Seventh Floor Los Angeles, CA 90025-1026

(503) 684-6200

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on:

3 31 4

Date of Deposit

2 c. Ferson Mailing Correspondence

Attorney Docket No.: 042390.P17214 Application Serial No.: 10/637,122



"Monis Rahman" <monis@rahman.com</pre>

To: <kerry_tweet@bstz.com>

CC:

Subject: Re: patent application

08/08/2003 09:09 PM Please respond to "Monis Rahman"

Hi Kerry,

It looks fine to me. Went through it. No biggies from my side. Are you filing any of the other fast-chip provisionals or just this one?

Best Regards,

--monis.

---- Original Message ----From: <kerry_tweet@bstz.com>

To: <monis@rahman.com>

Sent: Thursday, August 07, 2003 9:46 AM

Subject: patent application

> Hi Monis,
>
> Will you have any comments or suggestions regarding the patent application
> for a tree-data structure with range-specifying keys?
>
> Thanks.
>
> -Kerry
>
> Kerry Tweet
> Blakely, Sokoloff, Taylor & Zafman LLP
> 5285 S.W. Meadows Rd., Suite 101
> Lake Oswego, OR 97035-3227
> Tel: (503) 684-6200
> Fax: (503) 684-3245
>

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Angie Farr

09/15/2003 03:22 PM

To: "Monis Rahman" < monis@rahman.com>

cc:. <Angie_Farr@bstz.com>

Subject: Re: 042390.P17214

If I sent these documents to you via e-mail can you sign them before you leave out of the US? I can have them prepare immediately. Let me know.

Angie Farr

"Monis Rahman" < monis@rahman.com>



"Monis Rahman" <monis@rahman.com

To: <Angie_Farr@bstz.com>

cc:

Subject: Re: 042390.P17214

09/16/2003 03:23 PM Please respond to "Monis Rahman"

Hi Angie:

Please note that I will be out of the US for the next 4 months or so. I am currently visiting my parents in Pakistan. Address is below.

Residence Address: 93 Rockledge Drive South Windsor, CT 06074

Current Mailing Address: 110-B New Muslim Town Lahore, Pakistan

Citizenship: U.S.A.

Office Phone:

011.92300.843.1244 (cell)

Fax Phone: NA

---- Original Message -----From: <Angle Farr@bstz.com>

To: <tlnarayana@hotmail.com>; <monis@rahman.com>

Sent: Monday, September 15, 2003 10:54 AM

Subject: 042390.P17214

- > Recently, a application was filed tilted "A TREE DATA STRUCTURE WITH > RANGE-SPECIFYING KEYS AND ASSOCIATED METHODS AND APPARATUS" of which you
- > were named as one of the inventors. The US PTO Office has sent us a
- > "Notice to File Missing Parts". I need to prepare formal documents for
- > to sign off on in order to respond to the PTO office. I need the following
- > information in order to prepare the documents.
- > Residence address:
- > Current Mailing address:

```
South Windsor, CT 06074
Current Mailing Address:
110-B New Muslim Town
Lahore, Pakistan
Citizenship:
U.S.A.
Office Phone:
011.92300.843.1244 (cell)
Fax Phone: NA
---- Original Message ----
From: <Angie Farr@bstz.com>
To: <tlnarayana@hotmail.com>; <monis@rahman.com>
Sent: Monday, September 15, 2003 10:54 AM
Subject: 042390.P17214
> Recently, a application was filed tilted "A TREE DATA STRUCTURE WITH
> RANGE-SPECIFYING KEYS AND ASSOCIATED METHODS AND APPARATUS" of which you
> were named as one of the inventors. The US PTO Office has sent us a
> "Notice to File Missing Parts". I need to prepare formal documents for
> to sign off on in order to respond to the PTO office.
                                                            I need the
> information in order to prepare the documents.
> Residence address:
> Current Mailing address:
> Citizenship:
> Work phone:
> Fax phone:
> Please respond to my e-mail as soon as possible so I can start the
process.
> Thank you,
> Angie C. Farr
> Assistant to Kerry D. Tweet
> Blakely, Sokoloff, Taylor & Zafman LLP
> 5285 SW Meadows Road, Suite 101
> Lake Oswego, OR 97035
> (503) 684-6200 Phone
> (503) 684-3245 Fax
> angie farr@bszt.com
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> and/or Blakely Sokoloff Taylor & Zafman, LLP by telephone at (503)
> 684-6200.
```

```
> Citizenship:
> Work phone:
> Fax phone:
> Please respond to my e-mail as soon as possible so I can start the
process.
> Thank you,
> Angie C. Farr
> Assistant to Kerry D. Tweet
> Blakely, Sokoloff, Taylor & Zafman LLP
> 5285 SW Meadows Road, Suite 101
> Lake Oswego, OR 97035
> (503) 684-6200 Phone
> (503) 684-3245 Fax
> angie_farr@bszt.com
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> and/or Blakely Sokoloff Taylor & Zafman, LLP by telephone at (503)
> 684-6200.
```



To: monis@rahman.com

cc:

Subject: Re: 042390.P17214

Hello Monis,

I wanted to follow up with you in regards to the e-mail below. You had mentioned you were out of town for 4 months and the deadline for the signed Declaration and Power of Attorney and Assignement form are approaching rapidely. I have a due date of 1/6/04. Please respond to my e-mail and let me know if the formal documents are on there way or, for your convenience, I have enclosed the documents if you would sign where indicated and fax the documents to 503-684-3245 and return the originals to the following address.



Angie Farr - 12-11-03

Angie C. Farr Blakely, Sokoloff, Taylor & Zafman LLP 5285 SW Meadows Road, Suite 101 Lake Oswego, OR 97035 (503) 684-6200 Phone (503) 684-3245 Fax angie_farr@bszt.com

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"Monis Rahman" < monis@rahman.com>



"Monis Rahman" <monis@rahman.com

To: <Angie_Farr@bstz.com>

CC:

Subject: Re: 042390.P17214

09/16/2003 03:23 PM Please respond to "Monis Rahman"

Hi Angie:

Please note that I will be out of the US for the next 4 months or so. I am currently visiting my parents in Pakistan. Address is below.

Residence Address: 93 Rockledge Drive



To: monis@rahman.com

CC:

Subject: 042390.P17124

Hello Monis,

I wanted to follow up with in regards to P17214. You had mentioned that you were going to out of the US for 4 months or so, however we are past due for the signing of the Declaration and Power of Attorney and Assignment form.

Are you back or is there a address I can send these form to you for signing? Please response back at your earliest convenience.

Thank you for your attention to this matter,

Tammy

Tammy M. Simpson Legal Assistant Blakely, Sokoloff, Taylor, & Zafman LLP 5285 SW Meadows Road Suite 101 Tele. (503) 684-6200 Ext 315 Fax (503) 684-3245 **Greg Caldwell**

To: monis@rahman.com

02/10/2004 12:16 PM

cc: Greg Caldwell/bstzsecure@BSTZ, Tammy Simpson/bstzsecure@BSTZ Subject: Urgent but simple adminstrative matter re Intel patent application -

PLEASE READ

Hi Monis: I am a patent attorney at Blakely, Sokoloff, Taylor & Zafman, a law firm that represents Intel. You may recall working with Kerry Tweet, one of our former associates now with Intel, on drafting a patent application entitled "Tree Data Structure with Range Specifying Keys and Associated Methods and Apparatus", our docket number P17124. We have filed the patent application with the US Patent and Trademark office, and now we urgently need to obtain your signature on a power of attorney document so that our firm can communicate with the US patent and trademark office on your behalf. At the same time, we would appreciate obtaining your signature on an assignment document, assigning your rights in the patent application to Intel. Our nonextensible deadline for providing these signed documents to the US patent office is March 6, 2004. The patent application will be abandoned thereafter for failure to provide these documents to the US patent office.

We understand that as of the middle of September, 2003, you were planning to be out of the country for approximately 4 months. Attempts to reach you since then via this email address have been unsuccessful. In addition, I attempted today to call you on the cell phone number you provided, 011.92300.843.1244. Have you returned to the US? Are you available and willing to execute these documents, and if so, to which address should we send the documents? We have an address in Pakistan as well as Connecticut, but do not know where you are at present. If I do not hear back from you by the end of the week, we will send copies of the documents for which we need your signature to both the Pakistan address and the Connecticut address.

I would very much appreciate receiving a response to this email. If you have any questions or concerns, please do not hesitate to contact me. I would be pleased to hear from you. Best regards, Greg

Gregory D. Caldwell BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 5285 SW Meadows Road, Suite 101 Lake Oswego, Oregon 97035 (503) 684-6200 telephone (503) 684-3245 facsimile

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To: monis@rahman.com

cc: Greg_Caldwell@bstz.com, Tammy_Simpson@bstz.com

Date: 12:16:40 PM Today

Subject Urgent but simple adminstrative matter re Intel patent application - PLEASE READ

Hi Monis: I am a patent attorney at Blakely, Sokoloff, Taylor & Zafman, a law firm that represents Intel. You may recall working with Kerry Tweet, one of our former associates now with Intel, on drafting a patent application entitled "Tree Data Structure with Range Specifying Keys and Associated Methods and Apparatus", our docket number P17124. We have filed the patent application with the US Patent and Trademark office, and now we urgently need to obtain your signature on a power of attorney document so that our firm can communicate with the US patent and trademark office on your behalf. At the same time, we would appreciate obtaining your signature on an assignment document, assigning your rights in the patent application to Intel. Our nonextensible deadline for providing these signed documents to the US patent office is March 6, 2004. The patent application will be abandoned thereafter for failure to provide these documents to the US patent office.

We understand that as of the middle of September, 2003, you were planning to be out of the country for approximately 4 months. Attempts to reach you since then via this email address have been unsuccessful. In addition, I attempted today to call you on the cell phone number you provided, 011.92300.843.1244. Have you returned to the US? Are you available and willing to execute these documents, and if so, to which address should we send the documents? We have an address in Pakistan as well as Connecticut, but do not know where you are at present. If I do not hear back from you by the end of the week, we will send copies of the documents for which we need your signature to both the Pakistan address and the Connecticut address.

I would very much appreciate receiving a response to this email. If you have any questions or concerns, please do not hesitate to contact me. I would be pleased to hear from you. Best regards, Greg

Gregory D. Caldwell BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 5285 SW Meadows Road, Suite 101 Lake Oswego, Oregon 97035 (503) 684-6200 telephone (503) 684-3245 facsimile

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<sysdeliv@fn3a.prod.f edex.com>; FedEx <donotreply@fedex.c</pre>

To: <tammy_simpson@bstz.com> cc:

Subject: FedEx shipment 791771992402

02/12/2004 07:08 AM Please respond to FedEx

Our records indicate that the shipment sent from DEREK S. WATSON/BLAKELY SOKOLOFF ET AL to Monis Rahman has been delivered. The package was delivered on 02/12/2004 at 9:24 AM and signed for or released by E HTA.

The ship date of the shipment was 02/11/2004.

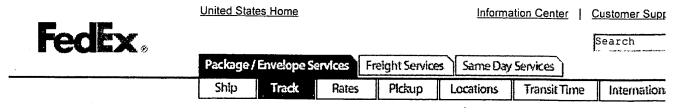
The tracking number of this shipment was 791771992402.

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Tracking numb Signed for by Ship date Delivery date/ti	E l Fe	HTA b 10, 2004	Reference number Delivered to Delivery location Service type	42390.P17214 Recipient SOUTH WINDSOR CT Priority Envelope	You can also track: By Alternate By Email TCN (Gov't Track other FedEx FedEx Cust shipments
· Date/time		Status	Location	Comments	 <u>FedEx Trac</u> shipments
Feb 12, 2004	9:24 am	Delivered	SOUTH WINDSOI	R No signature required - release waiver on file	• Internations
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	7:09 am	Arrived at FedEx Ramp	EAST GRANBY CT		FedEx Address Chec
	4:45 am	Left FedEx Sort Facility	MEMPHIS TN		Shipping Freight?
	2:16 am	Left FedEx Sort Facility	MEMPHIS.TN	•	FedEx has LTL, air surface and air exp
	1:21 am	Arrived at Sort Facility	MEMPHIS TN		multi piece package
Feb 11, 2004	7:05 pm	Left FedEx Ramp	PORTLAND OR		and ocean freight.
	6:35 pm	Left FedEx Origin Location	TUALATIN OR		
Feb 10, 2004	6:55 pm	Package status	TUALATIN OR	Package in FedEx location	
•	6:20 pm	Pickup status	TUALATIN OR	Package received after FedEx cutoff time	
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To: <tammy_simpson@bstz.com> CC:

Subject: FedEx shipment 790545818386

02/14/2004 02:59 PM Please respond to FedEx

Our records indicate that the shipment sent from DEREK S. WATSON/BLAKELY SOKOLOFF ET AL to Monis Rahman has been delivered. The package was delivered on 02/14/2004 at 11:00 AM and signed for or released by K.HUDA DAD.

The ship date of the shipment was 02/11/2004.

The tracking number of this shipment was 790545818386.

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Track Shipments Detailed Results	3		Quick Help
Tracking number Signed for by Ship date Delivery date/time	790545818386 K.HUDA DAD Feb 10, 2004 Feb 14, 2004 11:00 am	Reference number Delivered to Delivery location Service type	Recept/Frnt desk
5:05 a	Status am · Delivered am · Package status am · Package status	Location LAHORE PK LAHORE PK LAHORE PK	Comments Released for Delivery Package available for
2:37 p Feb 12, 2004 8:44 p 8:41 p 3:50 a 2:33 a	om Left FedEx Ramp om Arrived at FedEx Ramp om Arrived at FedEx Ramp om Arrived at Sort Facility am Left FedEx Sort Facility am Left FedEx Sort Facility am Left FedEx Sort Facility	DUBAI AE DUBAI AE PARIS FR PARIS FR MEMPHIS TN MEMPHIS TN MEMPHIS TN	clearance
Feb 11, 2004 7:05 p	am · Arrived at Sort Facility om · Left FedEx Ramp om · Left FedEx Origin Location	· MEMPHIS TN · PORTLAND OR · TUALATIN OR	
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Enter your email, subm message (optional), an			
From-		Add a message to the	his email.
			Sendremail